

ABSTRACT

A radiation switchable polymer, especially a visible or UV light
5 switchable adhesive polymer capable of switching from a tacky to a
less tacky state, a composition thereof, a process for the
manufacture of the composition, and a dressing comprising the
polymer. The polymer has a backbone polymeric moiety having
radiation curable residues on it, and the polymer may be
10 synthesised in a single step by choice of groups in the monomers
such that polymerisation leaves the curable residues on it
unreacted. For example, the polymer may be synthesised from
norborn-2-ene with methacrylate groups on the monomer, such that
polymerisation via a ring opening metathesis polymerisation may be
15 carried out without affecting the methacrylate groups.